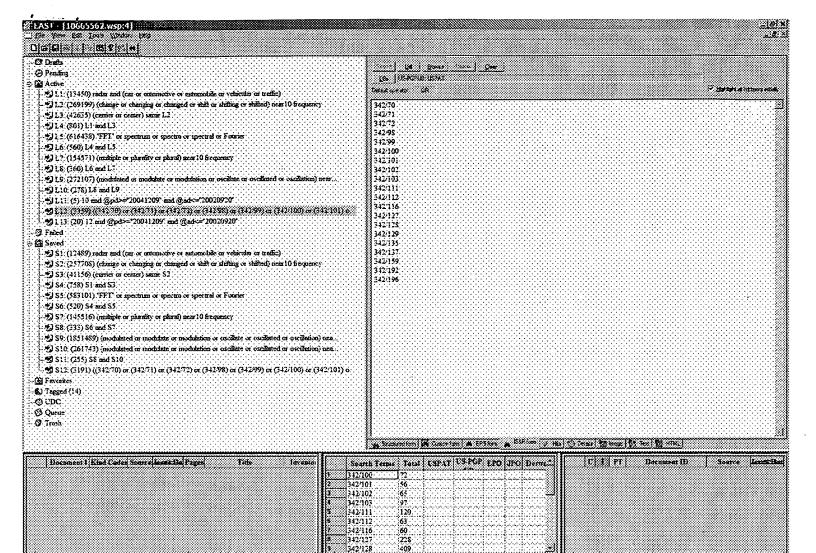
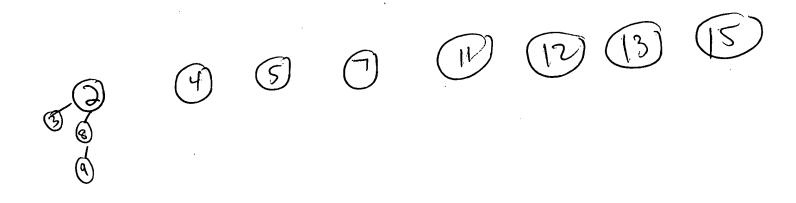
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11	13450	radar and (car or automotive or automobile or vehicular or traffic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 09:41
L2	269199	(change or changing or changed or shift or shifting or shifted) near10 frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 09:41
L3	42635	(carrier or center) same L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 09:41
L4	801	L1 and L3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 09:41
L5	616438	"FFT" or spectrum or spectra or spectral or Fourier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 09:41
L6	560	L4 and L5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 09:41
L7	154571	(multiple or plurality or plural) near10 frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 09:41
L8	360	L6 and L7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 09:41

L9	272107	(modulated or modulate or modulation or oscillate or oscillated or oscillation) near10 frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 09:41
L10	278	L8 and L9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 09:46
L11	5	10 and @pd>="20041209" and @ad<="20020920"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 09:52
L12	3359	((342/70) or (342/71) or (342/72) or (342/98) or (342/99) or (342/100) or (342/101) or (342/102) or (342/103) or (342/111) or (342/112) or (342/116) or (342/127) or (342/128) or (342/129) or (342/135) or (342/137) or (342/159) or (342/192) or (342/199).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/06/21 09:52
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EAST: search history attached

IEEE SEARCH

Search terms:

radar <and> (vehicular <or> automotive) <and>

(carrier <or> center)

UPDATED SEARCH ABOVE 21JUNE2005

1. Ultra-wideband radar sensors for short-range vehicular applications

Gresham, I.; Jenkins, A.; Egri, R.; Eswarappa, C.; Kinayman, N.; Jain, N.; Anderson, R.; Kolak, F.; Wohlert, R.; Bawell, S.P.; Bennett, J.; Lanteri, J.-P. Microwave Theory and Techniques, IEEE Transactions on Volume 52, Issue 9, Sept. 2004 Page(s): 2105 - 2122

2. Three-frequency principle for automotive radar system

Hui Zhang; Ke Wu

Radio and Wireless Conference, 2004 IEEE

19-22 Sept. 2004 Page(s): 315 - 318

3. Residual-carrier-free burst oscillator for automotive uwb radar applications

Teshirogi, T.; Saito, S.; Uchino, M.; Ejima, M.; Hamaguchi, K.; Ogawa, H.; Kohno, R. Electronics Letters
Volume 41, Issue 9, 28 April 2005 Page(s): 33 - 34

INSPEC SEARCH

Search strategy
No. Database Search term Info added since Results
1 INZZ
radar AND (vehicular OR automotive) AND (carrier OR center)
unrestricted 60
2 INZZ

FMCW OR CWFM OR FM-CW OR
CW-FM OR frequency AND
(modulated OR modulating OR
modulation) OR frequencymodulated
unrestricted 62716
3 INZZ 1 AND 2 unrestricted 6
Saved: 21-Jun-2005, 16:09:47 CET
2
INSPEC - 1969 to date (INZZ)
Target distance and velocity measurement

Target distance and velocity measurement algorithm to reduce false targets in *FMCW automotive*

radar.

Author(s)

Mitsumoto-M; Uehara-N; Inatsune-S; Kirimoto-T.

Source

IEICE-Transactions-on-Communications (Japan), vol.E83-B, no.9, p.1983-9, Sept. 2000., Published: Inst.

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Multifunctional radar sensor for automotive application.

Author(s)

Wollitzer-M; Buechler-J; Luy-J-F; Siart-U; Schmidhammer-E; Detlefsen-J; Esslinger-M.

IEEE-Transactions-on-Microwave-Theory-and-Techniques (USA), vol.46, no.5, pt.2, p.701-8, May 1998.

, Published: IEEE.

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